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Pune, Maharashtra



Atul Dafale

Associate Consultant

SUMMARY

3.7+ years experienced enterprising software engineering professional gained hands-on experience in designing, implementing, and installing software solutions and developing high-quality software designs & cloud architecture. Adept at brainstorming & creating various tools and applications, conducting systems analysis to improve operations, and automating tasks through appropriate tools. Proficient in interacting with the clients to successfully execute multiple big-ticket projects within the stipulated time while ensuring 100% client satisfaction.

EDUCATION

PG Diploma in Software Development

Nov '20 - Nov '21

IIIT Bangalore & upGrad

Bengaluru, IN

Specialization in Full Stack Development and DEVOPS

B.E. in Electronics and Telecommunication

Jun '14 - May '17

Shivaji University

Kolhapur

- Secured First Class with Distinction

KEY SKILLS

- Software Development & Testing
- Cloud Infrastructure development and automation
- Microsoft Azure Administration and Development
- Build and maintain multistage Azure DEVOPS pipelines and Azure Monitoring
- Application Development
- Azure Microsoft 365 Endpoint Manager Intune Administration
- Data Analytics and Distributed Computing

CERTIFICATIONS

- Microsoft Azure Devops Expert|AZ-400| Microsoft | Sep '21
- Microsoft Azure Architect Design Expert|AZ-304| Microsoft | Sep '21
- Microsoft Azure Architect Technologies |AZ-303| Microsoft | Sep 21
- Microsoft Azure Developer Associate|AZ-204| Microsoft | Aug '21
- Microsoft Azure Administrator Associate|AZ104|Microsoft|July'21
- Microsoft Azure Fundamentals |AZ-900 | Microsoft | Jun '21
- Microsoft Azure AI Fundamentals |AI-900 | Microsoft | Sep '21
- AWS solution architect Graduate |AWS | Aug '21
- Core Java Developer | V-Skills Government Certification | Jun '20
- Automation Foundation & Practitioner | Capgemini



TECHNICAL SKILLS

- Azure: Compute:** VM ,scale set, batch, Azure kubernetes, Azure container Instance
Storage: blob ,file, queue, table **Services:** Intune, Azure AD
Network: VNet, load balancer, application gateway, express route, firewall, CDN
Development & Web hosting: App Services Web Apps, Application Insights, Azure Logic App, Azure Function App, Azure Key Vault, Notifications hub, API management.
- AWS: Compute:** EC2, lambda, Batch, elastic beanstalk
Storage: S3,EBS,EFS,backup,
Network: VPC, Route S3,Elastic load balancing, Firewall
- Azure Microsoft 365: Microsoft endpoint manager Intune:** Device management, Application management
- DEVOPS:** Azure DEVOPS, Jenkins, Docker, Kubernetes, Chef, Puppet, Ansible, Nagios, Git, Terraform , Maven, Nexus
- Monitoring:** Azure Monitor, AWS CloudWatch, Splunk
- Programming Languages:** C, C++, C#, Java, Python, React, Node.js

- **Front End:** HTML5, CSS, JavaScript, JSP, Servlets ,React
- **Back End:** MVC Architecture, JDBC, ORM, Spring framework, Hibernate, Redis, Kafka.
- **Database:** My SQL, AWS RDS, AWS Dynamo DB, Azure cosmos DB, Azure SQL database, Azure Mysql db
- **Web/Application Servers:** Tomcat, IIS
- **ITSM tools:** ServiceNow, BMC remedy, Jira
- **Development IDE:** IntelliJ, Visual studio code, Pycharm, Android studio

PROFESSIONAL EXPERIENCE

Associate Consultant [Azure Full Stack Developer\Engineer]

Jun '19 - Present

Capgemini

Mumbai, IN

Contractor in Carnival Cruise lines, US , Mumbai

Software Design & Installation

- Designing, developing & installing software solutions and developing high-quality software design and architecture. Providing solutions by determining and designing system specifications, standards, and programming.
- Collaborating with agents and peers during entries SDLC process as part of ensuring timely delivery of release cycles.

System Design and Cloud Infrastructure Management

- Build and manage Cloud infrastructure on Microsoft azure and AWS for the application and websites.
- Setup and monitor the cloud infrastructure monitoring for the cloud production environment.
- Integrate the cloud services with the client application and suggest the security improvements.

Application Development & Coding

- Assisting in developing flowcharts, layouts, diagrams, code comments, and clear code and documenting the same for the seniors.
- Creating and maintaining tools and applications by producing clean & efficient code and supervising code testing & debugging.

Operations Management [DEVOPS]

- Build and manage continuous integration and continuous delivery pipeline in azure devops. Configure and Monitor applications and important services using monitoring tools.
- Improving operations by 17% by conducting systems analysis and recommending changes in policies & procedures and Tools.

Microsoft 365 Azure device and application management using Intune

- Developing and managing Devices and device Compliance policies and configuration policies for Android, IOS and Windows 10 and windows autopilot devices.
- Developing and managing Applications and Application Protection, Application Configuration policies for Android[.apk], IOS[.ipa] and Windows 10[win32] application.

Sr. Software Engineer [Cloud Engineer]

Mar '18 - Present

Capgemini

Mumbai ,IN

Contractor in Holland America Cruise lines, US , Mumbai

In Cloud Administrating and Development:

- Expertise in analysis, design and development of custom solutions/applications using Microsoft technology stack.
- Create Solution Architecture based upon Microsoft Azure PaaS Services.
- Design solution for various system components using Microsoft Azure.
- Create Web API methods for three adapters to pull data from various systems. Deploy and maintain API and backend of applications on azure platform.
- Perform Peer's Code Review to avoid any code quality issues.
- Gathering the requirements from the clients about the existing applications to apply the security measures
- Provide Sprint Demo to client and stake holders.
- Extensive experience with Scrum and Waterfall software development methodologies.
- Always actively participate in four ceremonies: Sprint planning meeting, Daily Scrum, Sprint review meeting, and Sprint retrospective meeting

In Cloud Devops:

- Orchestrate and completely automate build & deployment process, Release Management Online.
- Worked in highly collaborative operations team to stream line the process of implementing security Confidential Azure cloud environment and introduced best practices for remediation.
- Creating, validating and reviewing solutions and effort estimate of converting existing workloads from classic to ARM based Azure Cloud Environment.
- Developed automation system using PowerShell scripts and JSON templates to remediate the Azure services.
- Maintaining source-code repository and managing GitHub account with azure artifact repository.
- Created builds and release pipelines in VSTS and done deployments for implementing CI/CD. Automated health check for multiple Application using Azure Monitor and Jenkins tool.
- Experienced in building, deploying and integrating web applications with quality of Automated Build plans to help the Delivery process to NON-PROD and PROD Environments.

- Worked on implementing backup methodologies for Azure Services like Azure SQL Database, Key Vault, Storage blobs, App Services etc.

In Microsoft 365: Microsoft Endpoint Manager Intune

- Develop and Maintain Azure cloud infrastructure to manage device and deployed applications and configured cloud based end user policies.
- Developed deploy and managed Compliance policies for Android, IOS and windows 10 devices.
- Developed deploy and manage Different configuration policies Android, IOS and windows 10 devices. ex.[Device restrictions, Email configuration, custom ,Wi-Fi, VPN]
- Configured Conditional access policies to fulfill client requirements [MFA, Sign-in Risk, Device platform , Location, Client Apps, Device State]
- Configured windows Autopilot deployment profiles for windows 10 devices.
- Configured Windows 10 update ring, windows 10 Feature and quality update features for the windows 10 devices.
- Developed, deployed and managed built in Apps, Store Apps, Microsoft 365 Apps, line of business apps ,Win32 apps, weblink. applications on mobile devices and windows 10 devices.
- Developed deployed and managed Application management and Protection policies for Android, IOS and windows 10 devices.
- Developed deployed and managed Application Configuration policies for Managed Apps and managed devices.
- Configure win32 applications using Microsoft Win32 Content Prep Tool.
- Configure and protect applications using Intune App SDK and Intune App wrapping tools.

KEY DEVELOPMENT PROJECTS

• **Health Mate application website**

Language: Java11, HTML5,CSS,React, JavaScript

Tools: Front End[JavaScript, React, Redux, React Router, Yarn, Material UI, Axios]

Back End[Java, Spring Boot, Spring MVC, Junit, MySQL, Docker, Maven]

Repository: https://github.com/atul16495/UPSTAC_Dev

- It is a healthcare application that is designed to help users get themselves tested easily by simply requesting for a test on the application.
- The testers can view these test requests as soon as they are, assign the requests to themselves, perform the tests and update the results on the application.
- Doctors can check the results on the application and provide appropriate prescriptions based on the patients' conditions.
- Build continuous Integration and Delivery pipeline in azure devops
- Deployed application on end users device using azure Intune\endpoint manager.
- **Embark application website for user onboarding on cruises and booking ticket for the cruise**
- Language:** Java11, HTML5,CSS,React, JavaScript
- Tools: Front End-**[JavaScript, React, Redux, React Router, Yarn, Material UI, Axios]
- Back End-**[Java, Spring Boot, Spring MVC, Junit, MySQL, Docker, Maven]
- Embark is a user onboarding and ticket booking application for the cruise line industry that is designed to help users to book the cruise trip and help them to onboard to the cruise.
- Users can book the ticket and view the availability time tables of the cruises and can view the deals and offers on each cruise
- Build continuous Integration and Delivery pipeline in azure devops.
- Deployed application on end users device using azure Intune\endpoint manager.
- **Health Questionnaires application for the Guest users on Cruise ship**
- Application used for the collecting the health related information from ship onboarded users using which it can perform statistical analysis and calculated health risk for shipboard
- It will ask questions regarding basic covid precautions guide lines and recent vaccinated dates and known health issues
- Contributed and maintained code with new features integration and testing
- Build continuous Integration and Delivery pipeline in azure devops.
- Deployed application on end users device using azure Intune\endpoint manager.
- **Facial Recognition application for the Guest users**
- Application used for the Facial recognition of ship onboarded users for check IN time and check out Time
- Contributed and maintained code with new features integration and testing
- Build continuous Integration and Delivery pipeline in azure devops.
- Deployed application on end users device using azure Intune\endpoint manager.
- **Temperature check application for the Guest users on Cruise ship**
- Application used for the automated temperature checking of ship onboarded users form the smart doors entry devices
- Contributed and maintained code with new features integration and testing
- Build continuous Integration and Delivery pipeline in azure devops.
- Deployed application on end users device using azure Intune\endpoint manager.

PERSONAL DEVELOPMENT PROJECTS

- **Web Scraper for Product Review Sentiment analysis and deployment over Heroku** | Tech Stack: PyCharm, Git, Heroku
Language: Python, HTML5,CSS
Application link: <https://vast-savannah-67891.herokuapp.com/>
 - Extracting the reviews provided by customer over the e-comers website using python programming language which open the website and download the data for analysis.
- **Linear Regression Model to Predict Admission Chances of Student**
Tools: Jupyter notebook, PyCharm, AWS (Elastic BeanStalk), Heroku
Language: Python, HTML5,CSS
Application link : <https://gentle-ocean-16884.herokuapp.com/>
 - Built linear regression model using Python to predict the chances of admission of student based on GRE Score, TOEFL Score, University Rating, SOP, LOR, CGPA
 - Performed data analysis and data visualization on continuous data set and after finding features in data set built linear regression model for prediction and provided user interface by creating AWS application.

ADDITIONAL INFORMATION

- **Languages:** English (Professional), Marathi, Hindi, Sanskrit, Japanese
- **Interests:** Reading, Cycling and Drawing